

4th Quarterly Report – Public Page

Date of Report: 30 September 2016

Contract Number: DTPH56-16-T-00020

Prepared for: DOT Pipeline and Hazardous Material Safety Administration

Project Title: Pipeline Defense with Vibration, Earth Movement, and Current Sensing

Prepared by: Gas Technology Institute

Contact Information: Dr. Maureen Droessler, maureen.droessler@gastechnology.org, 847-768-0608

For quarterly period ending: 30 September 2016

Results and Conclusions: This project is receiving in-kind effort from a ROW Monitoring and Alert System project being sponsored by the California Energy Commission (CEC). The projects will share test sites in the California area for demonstrating the technology developed. The progress in the CEC project was initially slow, however the issues are resolved and activity in the partner project and this project have both increased significantly. The teleconference with utilities that have committed to test sites was held in July 2016. Based on input from utilities, a detail document that will provide specific equipment types, power requirements, and dimensions is being prepared.

Plans for Future Activity: During the next quarter, GTI will:

- Continue and complete the Technology Review and Selection
- Complete a report on the current state of the art in ROW monitoring
- Revise and coordinate schedules for the various projects participating in this ROW monitoring effort